

10096



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

SWA3-3-OH
Job Sheet OH193305



Part No: SWA3-3-OH

Job Qty: 1 pcs

Part Name: Electric Swivel 3,000 lb Safe Work Load (1,360 kg)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/10/19

Job Tracking No: RA657

Due Date: 5/22/19

Created By: Jennifer Renwick

Type: Rework - OH

Description: RA657/ Order 15061 / SN - AC10001

Note: DWG SWA3-3 Rev 3 IPP Rev A 18.03.05 New issue DP verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	External Load - 1	1 pcs	5/22/19	5/22/19	0.00	1.00	External Load - 1		JN
							External Load - 2		
							External Load - 3		
120	QC 5	1 pcs	5/22/19	5/22/19	0.00	0.00	QC 5 - 10		DAS 19 9-09
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
130	Customer Acceptance	1 pcs	5/22/19	5/22/19	0.00	0.00			DAS
140	Outsource - 24 - Test / OH	1 pcs	5/22/19	5/22/19			SKY002-VC		13
150	Packaging 2-1 - Receive - B4B	1 pcs	5/22/19	5/22/19	0.00	0.00	Packaging 2 - 1 - B4B		9-89
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		



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CANADA
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Container No: S171233



Part: SWA3-3
Job No: OH193305
Serial No/Batch: AC10001

Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 05/01/19

Plex 4/10/19 11:05 AM Dart.Renwick.Jennife

					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
160	QC 6	1 pcs	5/22/19	0.00 0.00	QC 6 - 9	DAS
					QC 6 - 68	MAY 08 2019 68
					QC 6 - 61	9-89
170	Small Fab - 2 - B4B	1 pcs	5/22/19	0.00 1.00	Small Fab - 1 - B4B	
					Small Fab - 2 - B4B	
					Small Fab - 3 - B4B	
					Small Fab - 4 - B4B	
					Small Fab - 5 - B4B	
					Small Fab - 6 - B4B	
					Small Fab - 7 - B4B	
180	QC 5	1 pcs	5/22/19	0.00 0.00	QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	9-89 DAS
					QC 5 - 30	30
					QC 5 - 40	
185	DC - 1 - B4B	1 pcs	5/22/19	0.00 0.00	DC - 1 - B4B	DAS
					DC - 2 - B4B	21 JUN 03 2019
190	Packaging 3-1 - Stock - B4B	1 pcs	5/22/19	0.00 0.00	Packaging 3 - 1 - B4B	9-89
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	9-89 DAS
					Packaging 3 - 9 - B4B	30
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	

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					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
					QC 21 - FG - 21	
					QC 21 - FG - 70	21
					QC 21 - FG - 53	21

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 120 - (QC5- Inspect part completeness to step on W/O)

150 - (Receive & Inspect for Damage & Mat'l Certs)

160 - (QC6- All purchased or subcontracted products)

170 - RE-ASSEMBLE, ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

180 - (QC5- Inspect part completeness to step on W/O)

185 - Photocopy blue file and create labels Photocopy blue file OM & OOPM-SWA3A Rev3

190 - (Identify as per dwg & Stock Location: _____)

200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA3-3-AR	Electric Swivel 3,000 lb Safe Work Load (1,360 Kg)	1 pcs (1 ea)	110-External Load - 1	5169994
188-FPSS-832-1/4	Set Screw	1 Ea (1 ea)	170-Small Fab - 2 - B4B	5165060
92210A303	Flat Socket Cap Screw	4 pcs (4 ea)	170-Small Fab - 2 - B4B	5083914
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	170-Small Fab - 2 - B4B	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab - 2 - B4B	
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge replace w/t 01004-08-047	6 ft (6 ea)	170-Small Fab - 2 - B4B	5179682
SWA3-100	Upper End - Swa3 Swivel	1 pcs (1 ea)	170-Small Fab - 2 - B4B	
SWA3-200	Lower End	1 pcs (1 ea)	170-Small Fab - 2 - B4B	
SWA3-300	Wire Clamp	2 pcs (2 ea)	170-Small Fab - 2 - B4B	
SWA3-400	Button Head Screw	2 pcs (2 ea)	170-Small Fab - 2 - B4B	5176939
SWA3-500B	Contact Spacer	1 pcs (1 ea)	170-Small Fab - 2 - B4B	5174896
SWA3-600	O-Ring	1 pcs (1 ea)	170-Small Fab - 2 - B4B	5176842
SWA3-700	Bearing Balls - 1/4"	32 Ea (32 ea)	170-Small Fab - 2 - B4B	5175991
SWA6A-1900	1/4" Female Spade Connector	6 Ea (6 ea)	170-Small Fab - 2 - B4B	5175992
SWA6A-900B	Rotary Connector - 3 wire	1 Ea (1 ea)	170-Small Fab - 2 - B4B	5172449

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-External Load - 1	SWA3-3	1	0	0
170-Small Fab - 2 - B4B	188-FPSS-832-1/4	1	116	0
	92210A303	4	68	0
	EL-PLUG-F	1	19	0
	EL-PLUG-M	1	41	0
	EL314-SJTOW	6	0	0
	SWA3-100	1	2	0
	SWA3-200	1	11	0
	SWA3-300	2	19	0
	SWA3-400	2	24	0
	SWA3-500B	1	0	0
	SWA3-600	1	20	0
	SWA3-700	32	465	0
	SWA6A-1900	6	165	0
	SWA6A-900B	1	9	0

Part Specifications

Specifications could not be found.

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Loctite 242 (M138933)
Saf-T-se (M128063)
Silicone grease (M139008)
Aeroshell grease No. 7 (M138964)

Inspection Sheet Complete RA657

Customer QA Ref #

0

Part Number	Original Batch / Serial # / Ctrl #	Original Revision #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Original Container #	New (Receiving) Serial #	New Job #	Work order instructions
SWA3-3	AC10001		1	☒ Yes	☐ Yes	☐ Yes	☒ Yes	CUSTOMER SUPPLIED	5169994	S169996	OH	Overhaul
SWA6A-3	M16606		1	☒ Yes	☐ Yes	☐ Yes	☒ Yes	CUSTOMER SUPPLIED	5169996	S169995		Overhaul
SWA3-3	M64704		1	☒ Yes	☐ Yes	☐ Yes	☒ Yes	CUSTOMER SUPPLIED	5169995	S169994		Overhaul
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					

QC Approval: _____ 0

Date: 0-Jan-00 _____

Special Return/Rework Instructions:

OH193305
SN AC10001

*Pre test*Work Order 193305Customer RA657Number of Wires 3Date 2019-4-12Serial Number AC10001

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Fail
1	3,000	Check all wires for grounding against swivel body.	- Fail
1	1,500	Check for Conductivity against all wires.	-
1	1,500	Check all wires for grounding against swivel body.	-
1	750	Check for Conductivity against all wires.	-
1	750	Check all wires for grounding against swivel body.	-
1	0	Check for Conductivity against all wires.	-
1	0	Check all wires for grounding against swivel body.	-

*1 BROKEN WIRE*Test Conducted By: *Michel Estabro*

Technician

Signature: _____

QC 5 Small FAB / QA

Submit



N.D.T

DATE: 2019/04/15

MODEL: SWA3

S/N : AC10001

Job : OH 193305

RA.#

657

ORDER : 15061

P/N	DESCRIPTION	QUANTITY
SWA3-100	UPPER END	1
SWA3-200	LOWER END	1

TOTAL

2



Dart Aerospace Ltd.
1270 Aberdeen St
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO043198



Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

Attention: Jenne, Heather

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO043198

PO Date: 4/15/19

Due Date: 4/24/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
APR 15 2019

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	OH193307	SWA3-3-OH	Electric Swivel 3,000 lb Safe Work Load (1,360 kg)	Firmed	-	4/24/19	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
			magnaflux								
	OH193305	IX	magnaflux	Firmed	-	4/24/19	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:							2	0	2		\$356.00
2	OH193316	SWA6A-3-OH	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)	Firmed	-	4/24/19	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
			magnaflux								
Grand Total:											\$534.00

DAS
68
9-89

CL



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Canada

Tel (613) 632-5200

PURCHASE ORDER

PO043198



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/15/19 1:17 PM dart.lavoie.chantal

**skyservice****Work Order Traveler**
Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO40112	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO043198 ✓
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

Work Required:

CARRY OUT NDT ON:

1 ELECTRIC SWIVEL (2 PCS) P/N# SWA3-3-OH , J/S# OH193307 ✓

1 ELECTRIC SWIVEL (2 PCS) P/N# SWA3 , J/S# OH193305 ✓ DAS 68 9-89

1 ELECTRIC SWIVEL (6 PCS) P/N SWA6A-3-OH , J/S# OH193316 ✓

Action Taken:						Date:	Initial/Stamp:
LPI & MPI CARRIED OUT IAW ASTM E-1417M-16 AND ASTM E-1444M-16							
NO CRACK FOUND							
PEN , ZL-37 MPO#: 23206 CLEANER SKC-S MPO15030, EMU.(ZR-10B, MPO23451), DEV. MPO15030, UV LIGHT M-20142						APR 29 2019	
MAGBENCH S/N 208123 CAL DUE: 25-SEP-2019 POWDER 14A BATCH# MPO13600 CARRIER II BATCH# MPO22794 BLACK LIGHT-M20186							
Description	Location	P/N	Qty	Batch	S/N Off	S/N On	

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature:	ACA/SCA Stamp:	Date: APR 29 2019
Name: RAFIK MELIKIAN		

Work Order 193305Customer RA 657Number of Wires 3Date 2019-5-28Serial Number AC10001

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Pass
1	3,000	Check all wires for grounding against swivel body.	- Pass
1	1,500	Check for Conductivity against all wires.	- Pass
1	1,500	Check all wires for grounding against swivel body.	- Pass
1	750	Check for Conductivity against all wires.	- Pass
1	750	Check all wires for grounding against swivel body.	- Pass
1	0	Check for Conductivity against all wires.	- Pass
1	0	Check all wires for grounding against swivel body.	- Pass

Test Conducted By:

Michel Lalonde

Technician

Signature:

Sylvie Boucher
QC 5/Small FAB / QA**Submit**